ATTORNEY DOCKET NO: KCX-741 (19044)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TAID	Applicat	ion of:	Xuedong Song	)	Group Art Unit:	2856
Serial	No:		10/718,989	)	Examiner:	Unknown
Filed:			November 21, 2003	)	Our Account No:	04-1403
Confi	rmation	No:	9109	)	Customer No:	22827
Title:			Membrane-Based Lateral Flow Assay Devices That Utilize Phosphorescent Detection	) ) )		·
U.S. P Post C	Patent an Office Bo		mark Office			
Sir:						
	ollowing 1.97, and		formation Disclosure Statement for the ca	aptioned p	patent application, purs	uant to 37 CFR Sections
1.[x]	Attach	ed heret	o is:			
•	a.[x]	A list o	of materials for consideration per Rule 98	(a)(1): <u>1</u>	7 page(s)	
	b.[x]	98 and	ble copy of each patent, publication, or ot /or as indicated on the attached list(s): item(s)	her item l	isted per Rule 98(1)(2)	unless not required per Rul
	c.[ ]	thereof	ch <u>non-English language item listed, purs</u> f as it is presently understood by the indiv t of such items:			
			h explanation is provided in the Search R with any enclosed translation into English		n a corresponding appl	cation enclosed herewith
2.[x]	This Ir	nformatio	on Disclosure Statement is being filed [Cl	HECK O	NE]:	
	a.[x]	after a	IN THREE MONTHS of the application request for continued examination, <u>OR</u> B which ever event occurs last, <u>WHEREF</u> (ired.	EFORE t	he mailing date of a firs	st Office Action on the
	b.[ ]		R the time periods of section 2.a above, by that otherwise closes prosecution, WHER			
		i.[ ]	Certification per Rule 97(e); OR			
		ii[]	Filing Fee per Rule 17(p)	••••••	••••••	\$180.00
	c.[ ]		R a Final Action <u>OR</u> Notice of Allowance 7(d) submitted herewith is:	, but BEF	FORE payment of the is	sue fee, <u>WHEREFORE</u> per
		i.	Certification per Rule 97(e); AND			
		ii.	Filing fee per Rule 17(p)			\$180.00
3.[ ]	Rule 9	7(e) Cer	tification; per Rule 97(e), the undersigned	l certifyin	g party make the follow	ving certification statement

- [CHECK ONE]:
  - That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
  - That no item of information contained in this Information Disclosure Statement was cited in a foreign patent b.[ ] office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable

inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

		made by signer per signature below).  Name:  Address:	Signature:
4.[x]	author herewin now or overpa	ized hereafter, or any fees in addition to the fee ith or concerning any paper filed hereafter, and r hereafter relative to this application and the re	mmissioner is hereby authorized to charge any fee specifically (s) filed, or asserted to be filed, or which should have been file which may be required under Rules 16-18 (deficiency only) esulting official document under Rule 20, or credit any ng hereof for which purpose a duplicate copy of this sheet is f the issue fee in this case.
5.[x]		IFICATE OF MAILING: This Information DipLETE ONE]:	sclosure Statement is being filed pursuant to [CHECK AND
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		I hereby certify that this correspondence and the United States Postal Service as first class	any referenced attachment and/or fee are being deposited with mail in an envelope addressed to the:
		Commissioner for Patents U.S. Patent and Trademark Office Post Office Box 1450 Alexandria, VA 22313-1450	
		on <u>July 12, 2004</u> .	
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	b.[ ]	"Express Mail" Certificate under Rule 10:	
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			nents and any fee are being deposited with the U.S. Postal see" service under 37 CFR 1.10 on the date indicated above and
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	RESS: Office Bo	x 1449	DORITY & MANNING, ATTORNEYS AT LAW, P.A.
		29602 USA No.: 22827	By: Christina L. Mangelsen, Patent Agent
		4-271-1592 4-233-7342	Reg. No: 50,244
		· · · · · · · · · · · · · · · · · · ·	Signature: Johnshop Schriffon
			Date: July 12, 2004

Sheet 1 of 17 Attorney Docket Number: Serial Number: Information Disclosure Statement List KCX-741 (19044) 10/718,989 By Applicant(s) Applicant: Under 37 CFR Section 1.98(a) (1) Xuedong Song (Use several sheets if necessary) Filing Date: Group Art Unit: November 21, 2003 2856 Confirmation No: 9109

NOTE:

If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"

(1) This item is cumulative, per Rule 98©

(2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:

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Relied on under 35 U.S.C. Section 120, per Rule 98(d)

- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

EXAMINER	PATENTEE NAME	PA	TENT	NUI	<b>MBEI</b>	۲			ISSUE	COPY
INITIALS									DATE	NOTE
	Lipman, et al.	D	4	1 5	0	8	5	14	11/20/2001	5
	Bruschi	R	Е	3	0	2	6	7	05/06/1980	5
	Burch	1	3	6	6	2	4	1	01/18/1921	5
	Keim	3	7	0	0	6	2	3	10/24/1972	5
	Keim	3	7	7	2	0	7	6	11/13/1973	.5
	Deutsch, et al.	4	0	9	4	6	4	7	06/13/1978	5
	Stoy	4	1	1	0	5	2	9	08/29/1978	5
	Grubb, et al.	4	1	6	8	1	4	6	09/18/1979	5
	Dorman, et al.	4	2	ī	0	7	2	3	07/01/1980	5
	Litman, et al.	4	2	7	5	1	4	9	06/23/1981	5
	Wohltien	4	3	ī	2	2	2	8	01/26/1982	5
	Greenquist	14	3	6	3	8	7	4	12/14/1982	5
	Tom, et al.	4	3	6	6	2	4	1	12/28/1982	5
	Litman, et al.	4	3	7	4	9	2	5	02/22/1983	5
	Chen, et al.	4	3	8	5	1	2	6	05/24/1983	5
	Columbus	4	4	2	6	4	5	1	01/17/1984	5
	Kowalski, et al.	4	4	2	7	8	3	6	01/24/1984	5
	Zuk, et al.	4	4	3	5	5	0	4	03/06/1984	5
	White	4	4	4	1	3	7	3	04/10/1984	5
	Greenquist, et al.	4	4	4	2	2	0	4	04/10/1984	5
	Ludwig	4	4	4	4	5	9	2	04/24/1984	5
	Mitra	4	4	7	7	6	3	5	10/16/1984	5
	Craig, et al.	4	4	8	0	0	4	2	10/30/1984	5
	Clark, et al.	4	5	3	3	4	9	9	08/06/1985	5
	Litman, et al.	4	5	3	3	6	2	9	08/06/1985	5
	Papadakis	4	5	3	4	3	5	6	08/13/1985	5
	Keim	4	5	3	7	6	5	7	08/27/1985	5
	Elings, et al.	4	5	3	7	8	6	1	08/27/1985	.5
	Litman, et al.	4	5	4	0	6	5	9	09/10/1985	5
	Lowne	4	5	5	2	4	5	8	11/12/1985	5
	Sekler, et al.	4	5	6	1	2	8	6	12/31/1985	5
	Lowe, et al.	4	5	6	2	1	5	7	12/31/1985	5
	Miller	4	5	8	6	6	9	5	05/06/1986	5
	Cragle, et al.	4	5	9	5	6	6	1	06/17/1986	5
	Ballato	4	5	9	6	6	9	7	06/24/1986	5
	Schmidt, et al.	4	6	1	4	7	2	3	09/30/1986	5

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1	Disclosure Statement List	1		-	41 (1				10/718,98	39			
	Applicant(s)						Applic	ant:					
1	FR Section 1.98(a) (1)						edon		'n	i			
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	Brunsting	4	6	3	2	5	5	9	12/30/1986	5			
	Krull, et al.	4	6	6	8	2	6	5	04/28/1987 10/06/1987	5.			
	Schwartz, et al. Lee, et al.	4	7	2	2	8	8	9	02/02/1988	5			
	Valkirs, et al.	4	7	2	7	0	1	9	02/23/1988	5			
	Luotola, et al.	4	7	3	1	3	3	7	03/15/1988	5			
	Graham, Jr., et al. Janata, et al.	4	7	7	6	5	4	2	05/10/1988	<u>5</u>			
	Sutherland, et al.	4	8	1_	8	7	1	0	04/04/1989	5			
	de Jaeger, et al.	4	8	3	7	1	6	8	06/06/1989	5 :			
	Blaylock Litman, et al.	4	8	4	3	7	8	0	06/27/1989	5			
	Noguchi, et al.	4	8	4	3	0	2	1	06/27/1989	5			
	Batchelder, et al.	4	8	4	4	6	1	3	07/04/1989	5			
	Litman, et al.  Rosenstein, et al.	4	8	5	9	2	3	8	07/18/1989	5			
<b> </b>	Ullman, et al.	4	8	5	7	4	5	3	08/15/1989	5			
	Devaney, Jr., et al.	4	8	7	7	5	8	6	10/31/1989	5			
	Stewart Pyke, et al.	4	8	7	7	7	1	7	01/23/1990	5			
	Brown, III, et al.	4	9	1	6	0	5	6	04/10/1990	5			
	Bhattacharjee	4	9	1	7	5	0	3	04/17/1990	5			
	Ley, et al. Hillman, et al.	4	9	6	3	7	9	8	07/10/1990 10/16/1990	5			
	McDonald, et al.	4	9	7	3	6	7	0	11/27/1990	. 5			
	Godfrey	4	9	9	2	3	8	5	02/12/1991	5			
	Livesay Finlan	5	0	2	3	0	7	8	03/26/1991	· 5			
	Lee, et al.	5	0	2	6	6	5	3	06/25/1991	5			
	Finlan, et al.	5	0	3	5	8	6	3	07/30/1991	5			
	Finlan Cozzette, et al.	5	0	6	5	0	8	5	10/08/1991	5			
	Finlan	5	0	6	4	6	1	9	11/12/1991	5			
	Durley, III, et al.	5	0	7	5	0	7	7	12/24/1991	5			
	Frye, et al. Kane, et al.	5	0	7	6	6	9	1	12/31/1991 03/17/1992	5			
	Leiner, et al.	5	1	1	4	6	7	6	05/19/1992	. 5			
	Chan, et al.	5	1 1	2	0	6	5	4	06/09/1992	5			
	Hewlins, et al.  Kuypers, et al.	5	1	3	4	0	5	7	07/28/1992	5			
	Manian, et al.	5	1	3	7	6	0	9	08/11/1992	5			
	Pirrung, et al.	5	1 1	4	5	8	8	4	09/01/1992 09/08/1992	5			
	Cox, et al.  Kaetsu, et al.	5	1	5	2	7	5	8	10/06/1992	5			
	Litman, et al.	5	1	5	6	9	5	3	10/20/1992	5			
	Miffitt, et al.	5	1	7	9	2	8	8	01/12/1993 01/26/1993	5			
	Giesecke, et al.  Backman, et al.	5	1	8	6	3	5	0	03/23/1993	5			
	Liberti, et al.	5	2	0	0	0	8	4	04/06/1993	5			
	Nakayama, et al.	5	2	2	8	5	5	5	05/04/1993 06/22/1993	5			
	Manian, et al. Watanabe, et al.	5	2	2	5	9	3	5	07/06/1993	5			
	McGeehan, et al.	5	2	3	4	8	1	3	08/10/1993	5			
	Nomura, et al.	5	2	3	8	8	3	8	08/10/1993 08/24/1993	5			
<del></del>	Higo, et al.  Bergström, et al.	5	2	4	2	8	2	8	08/24/1993	5			
	Tarcha, et al.	5	2	5	2	4	5	9	10/12/1993	5			

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	Evangelista, et al.	5	2	6	2	2	9	9	11/16/1993	5			
	Berger, et al.	5	2	6	8	3	0	6	12/07/1993	5			
	Cooke, et al. Suzuki, et al.	5	3	1	6	7	2	7	05/24/1994 05/31/1994	<u>5</u>			
	Okada, et al.	5	3	2	0	9	4	4	06/14/1994	5.			
	Detwiler, et al.	5	3	2	1	4	9	2	06/14/1994	5			
	Bender, et al.	5	3	2	7	2	2	5	07/05/1994	5			
	Bar-Or, et al. Litman, et al.	5	3	3	2	8	5	8	07/19/19094 08/30/1994	5			
	Lichtenwalter, et al.	5	3	5	2	5	8	2	10/04/1994	5			
	Moorman, et al.	5	3	5	6	7	8	2	10/18/1994	5			
	Wu	5	3	5	8	8	5	2	10/25/1994	5			
	Attridge Maule	5	3	7	9	7	6	7	11/29/1994	<u>5</u>			
	Gumbrecht, et al.	5	3	7	6	2	5	5	12/27/1994	5			
	Selmer, et al.	5	3	8	7	5	0	3	02/07/1995	5			
	Lambotte, et al.	5	3	9	5	7	5	4	03/07/1995	5			
	Maule	5	4	1	5	8	3	6	05/16/1995 05/23/1995	5			
	Miller, et al.  Jirikowski	5	4	1 2	4	2	1	9	06/13/1995	5			
	Litman, et al.	5	4	3	2	0	5	7	07/11/1995	5			
	Bergström, et al.	5	4	3	6	1	6	1	07/25/1995	5			
	Rohr	5	4	5	5	9	8	3	08/29/1995	5			
	Barrett, et al. Josse, et al.	$-\frac{3}{5}$	4	5	5	4	7	5	10/03/1995	5			
	Hendrix	5	4	6	4	7	4	1	11/07/1995	5			
	Liberti, et al.	5	4	6	6	5	7	4	11/14/1995	. 5			
	Catt, et al.	5	4	6	7 8	6	7	8	11/21/1995	5			
	Bogart, et al.  Bogart, et al.	5	4	8	2	8	3	0	01/09/1996	5			
	Barrett, et al.	5	4	8	2	8	6	7	01/09/1996	5			
	Lichtenham, et al.	5	4	8	4	8	6	7	01/16/1996	5			
	Fodor, et al.	5	4	8	9	9	8	8	02/06/1996 02/06/1996	5			
	Ackley, et al.  Malmqvist, et al.	5	4	8	2	8	4	0	02/00/1996	5			
	Pollard-Knight	5	4	9	6	7	0	i	03/05/1996	5			
	Baker, et al.	5	5	0	0	3	5	0	03/19/1996	5			
	Senior Welling et al	5	5	0	8	0	7	1	04/02/1996 04/16/1996	5			
	Walling, et al.  Bednarski, et al.	5	5	1	0	4	8	1	04/23/1996	5			
	Kumar, et al.	5	5	1	2	1	3	1	04/30/1996	5			
	Markert-Hahn, et al.	5	5	1	4	5	5	9	05/07/1996	5			
	Ekins, et al.  Dosmann, et al.	5	5	1	6 8	6	8	5	05/14/1996 05/21/1996	5			
	Soini Soini	5	5	1	8	8	8	3	05/21/1996	5			
	Tom-Moy, et al.	5	5	2	7	7	1	1	06/18/1996	5			
	Vreeke, et al.	5	5	3	4	1	3	2	07/09/1996	5			
	Chadney, et al. Malmqvist, et al.	5	5	5	4	5	3	9	09/10/1996	5			
	Sommer	5	5	6	9	6	0	8	10/29/1996	. 5			
	Lawrence, et al.	5	5	7	1	6	8	4	11/05/1996	5			
	Singer, et al.	5	5	7	3	9	0	9	11/12/1996	5			
	Davidson	5	5	8	5	2	7	9	12/17/1996	5			
	Hansen, et al. Massey, et al.	5	5	8	1	5	8	1	12/31/1996 01/07/1997	5			
	Tyler	5	5	9	6	4	1	4	01/21/1997	5			
	Stimpson, et al.	5	5	9	9	6	6	8	02/04/1997	5			
	Choi, et al.	5	6	1	8	8	8	8	04/08/1997	5			

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	Information D	Disclosure Statement List		K	CX-	741 (	1904	4)	j	10/718,9	89	
١	Ву	Applicant(s)	$\vdash$			· ·		Appl	icant:			
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		Bamdad, et al.	5	6	2	0	8	5	0	04/15/1997	5	
-		Hemmilä, et al.	5	6	3	7	5	0	9	06/10/1997	5	
+		Tuunanen, et al. Yamamoto, et al.	5	6	5	8	9	9	3	07/15/1997 08/19/1997	5	
ľ		Jones, et al.	5	6	6	3	2	i	3	09/02/1997	5	
ŀ		Jou, et al.	5	6	7	0	3	8	1	09/23/1997	5	
}	<del>-  </del>	Yee Sheiness, et al.	5	7	7	0	6	3	6	09/30/1997 12/23/1997	5	
t		Robinson, et al.	5	7	2	6	0	6	4	03/10/1998	5	
F		Bard, et al.	5	7	3	1	1	4	7	03/24/1998	·5 ·	
1		Alcock, et al.  Brooks, et al.	5	7	5	6	5	8	8	04/07/1998	5	
t		Klainer, et al.	5	7	8	0	2	5	1	05/19/1998 07/14/1998	5	
ļ		Ching, et al.	5	7	8	0	3	0	8	07/14/1998	5	
1		Wang, et al.	5	7	9	5	4	7	0	08/18/1998	5	
ŀ		Poto, et al. Shuler, et al.	5	7	9	8	5	7	3	08/18/1998 08/25/1998	5	
t		Davidson	5	8	1	1	5	2	6	09/22/1998	5	
F		Golden	5	8	2	7	7	4	8	10/27/1998	5	
ŀ		Weindel Reichert, et al.	5	8	3	0	7	6	5	11/03/1998	5	
r		Maupin	5	8	3	4	2	2	6	11/10/1998	5	
F		Nohr, et al.	5	8	3	7	4	2	9	11/17/1998	5	
F	<del></del>	Allen, et al. Phillips, et al.	5	8	3	7	6	9	6	11/17/1998	5	
1		Josse, et al.	5	8	5	2	2	2	9	12/01/1998 12/22/1998	5	
L		Buechler	5	8	8	5	5	2	7	03/23/1999	- 5	
-		Ikeda, et al.	5	9	0	6	9	2	1	05/25/1999	5	
H	-	Lipskier Lawrence, et al.	5	9	1	0	4	8	7	06/08/1999 06/08/1999	5	
t		Guerra	5	9	1	0	9	4	Ó	06/08/1999	5	
F		Ewart, et al.	5	9	2	2	5	3	7	07/13/1999	5	
$\vdash$		Everhart, et al.  Douglas, et al.	5	9	5	1	5	5	0 2	07/13/1999	5	
$\vdash$		Avnery	5	9	6	2	9	9	5	10/05/1999	5	
		Sagner, et al.	6	0	0	4	5	3	0	12/21/1999	5	
F		Everhart Daving et al.	6	0	2	0	0	4	7	02/01/2000	5	
$\vdash$		Devine, et al. Robinson, et al.	6	0	2	7	9	4	4	02/22/2000	5	
L		Otterness, et al.	6	0	3	0	7	9	2	02/29/2000	5	
F		Mullinax, et al.	6	0	3	0	8	4	0	02/29/2000	5	
1		Siddiqi Everhart, et al.	6	0	3	8	6	7	3	03/07/2000 04/11/2000	5	
t		Everhart, et al.	6	0	6	0	2	5	6	05/09/2000	5	
F		Tsuchiya, et al.	6	0	8	0	3	9	1	06/27/2000	5	
$\vdash$		Bruno, et al. Magginetti, et al.	6	0	8	7	6	8	3	07/04/2000	5	
$\vdash$		Douglas, et al.	6	0	9	9	4	8	4	08/08/2000	5	
		Ullman, et al.	6	1	0	3	5	3	7	08/15/2000	5	
F		Caillouette	6	1	1	7	0	9	0	09/12/2000	.5	
$\vdash$		Feistel Saaski, et al.	6	1	3	6	6	1	9	10/24/2000	5	
		Blankenship, et al.	6	1	3	9	9	6	1	10/31/2000	5	
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$\vdash$		Freitag	6	1	7	1	8	7	0	01/09/2001	5	
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	Neumann, et al.	6	1	8	4	0	4	$\frac{2}{2}$	02/06/2001	5
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	Everhart, et al.	6	2	2	1	5	17	19	04/24/2001	5
	Catt, et al.	6	2	3	4	19	17	4	05/22/2001	
	Catt, et al.	6	2	3	5	2	4	1		5
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	Connolly	6	2	$\frac{3}{3}$	5	4	1/9		05/22/2001	5
	Monbouquette	6	2	4			_	1	05/22/2001	5
	Wieder, et al.	6	2	4	1	8	6	3	06/05/2001	5
	Louderback			5	2	2	6	8	06/05/2001	5
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-	Barbera-Guillem, et al. Chandler, et al.	6	2	6	1	7	7	9	07/17/2001	5
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	Crismore, et al.	6	2	7	0	6	3	7	08/07/2001	5
	Buechler	6	2	7	1	0	4	0	08/07/2001	5
	Heller, et al.	6	2	8	1	0	0	6	08/28/2001	5
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	Maynard, et al.	6	2	8	7	7	8	3	09/11/2001	5
	Herron, et al.	6	2	8	7	8	7	1	09/11/2001	5
	Kuhr, et al.	6	2	9	4	3	9	2	09/25/2001	5
	Aylott, et al.	6	3	3	1	4	3	8	12/18/2001	5
	Sutton, et al.	6	3	4	8	1 1	8	6	02/19/2002	5
	Massey, et al.	6	3	6	2	0	1	1	03/26/2002	5
	Chang, et al.	6	3	6	8	8	7	3	04/09/2002	5
	Geisberg	6	3	6	8	8	7	5	04/09/2002	5
	Kaylor, et al.	6	3	9	9	2	9	5	06/04/2002	5
	Zarling, et al.	6	3	9	9	3	9	7	06/04/2002	5
	Avnery, et al.	6	4	0	7	4	9	2	06/18/2002	5
	Nishikawa	6	4	1	1	4	3	9	06/25/2002	5
	Hodges, et al.	6	4	ī	3	4	11	0	07/02/2002	5
	Everhart, et al.	6	4	3	6	6	5	1	08/20/2002	5
	Clark, et al.	6	4	3	6	17	2	12	08/20/2002	5
	Meade, et al.	6	4	4	4	4	2	3	09/03/2002	5
	Massey, et al.	6	4	4	8	10	9	11	09/10/2002	5
	Lawrence, et al.	6	4	5	1	6	10	7	09/17/2002	5
	Hoyt	6	4	5	5	8	6	1	09/24/2002	5
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	Barradine, et al.	6	4	7	2	2	2	6	10/22/2002	<u>5</u>
	Caruso, et al.	6	4	17	9	1	4	6		
	Kennedy	6	5	6	9	0	8	5	11/12/2002	5
	Brooks, et al.	6	5	0	9	1	9	6	01/21/2003	5
	Carpenter	6	5	1	1	8	1		01/21/2003	5
	Rushbrooke, et al.	6	5	5	6			4	01/28/2003	5
	Bentsen, et al.	6	5			2	9	9	04/29/2003	5
<del></del>	Everhart, et al.			6	6	5	0	8	05/20/2003 ·	5
<del></del> -	McGrath, et al.	6	5.	7	3	0	4	0	06/03/2003	5
	Ponomarev, et al.	6	5	7	9	6	7	3	06/17/2003	5
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	Dapprich	6	5	8	5	9	3	9	07/01/2003	5
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	Richter, et al.	6	6	1	3	5	8	3	09/02/2003	5
1	Springer, et al.	6	6	1	7	4	8	8	09/09/2003	5

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INITIALS .							DATE	COPY NOTE			
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	Beckmann	0	0	7	0	1	2	8	06/13/2002	5	
	Yang, et al.	0	1	0	6	1	9	0	06/03/2004	5	
	Kaylor, et al.	0	1	1	9	2	0	2	06/26/2003	5	
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	wo	9	7	0	9	6	2	0	Al	03/17/1997		X	
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